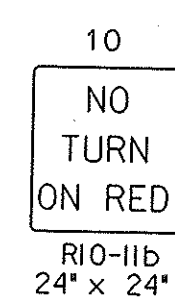
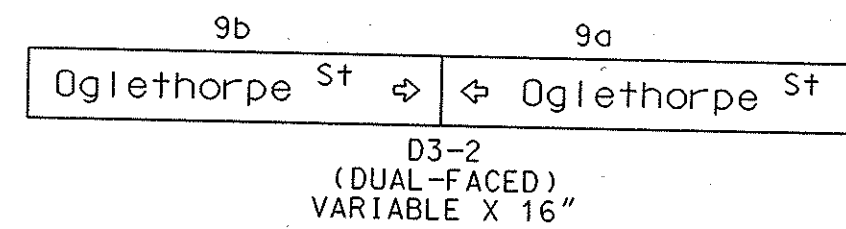


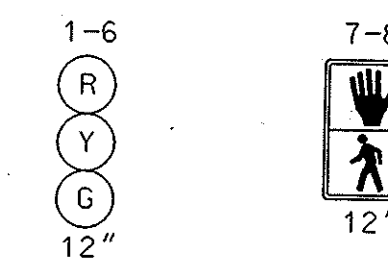


US 1 IS CONSIDERED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED SIGNS

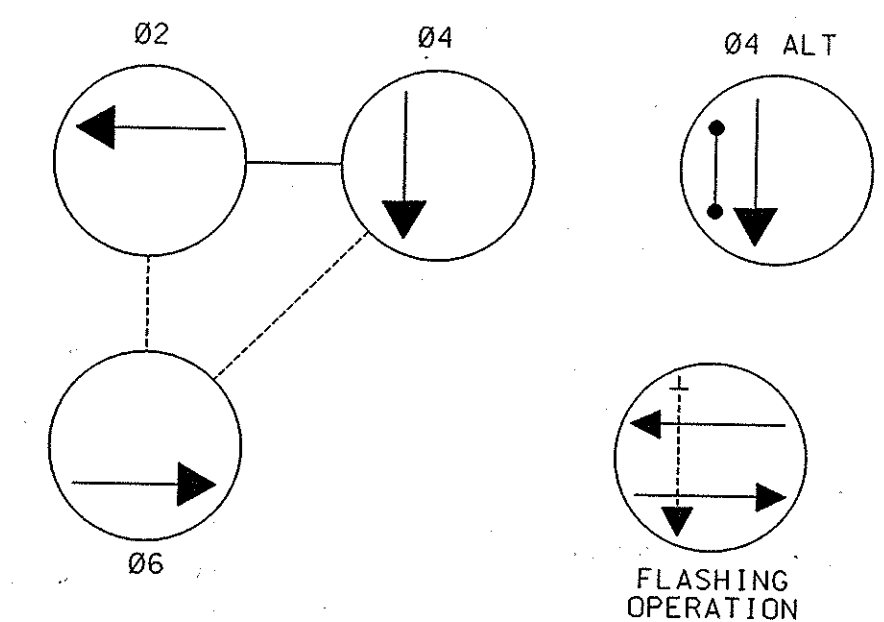


PROPOSED SIGNALS

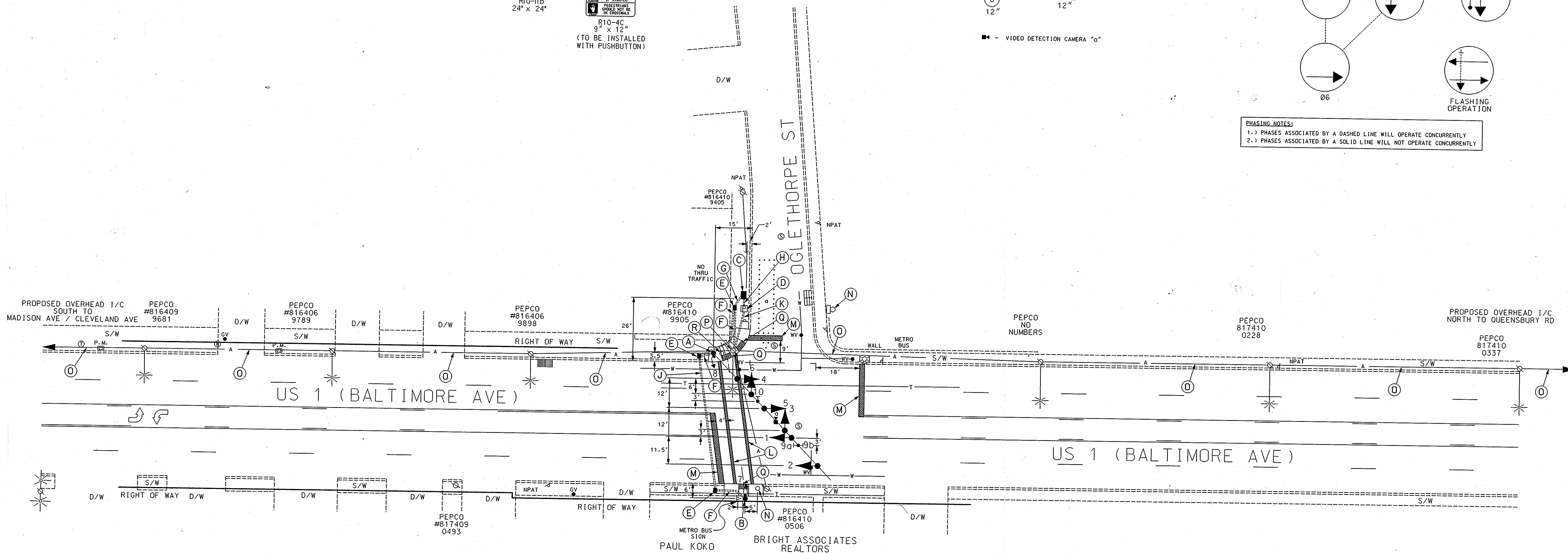


VIDEO DETECTION CAMERA "a"

NEMA PHASING



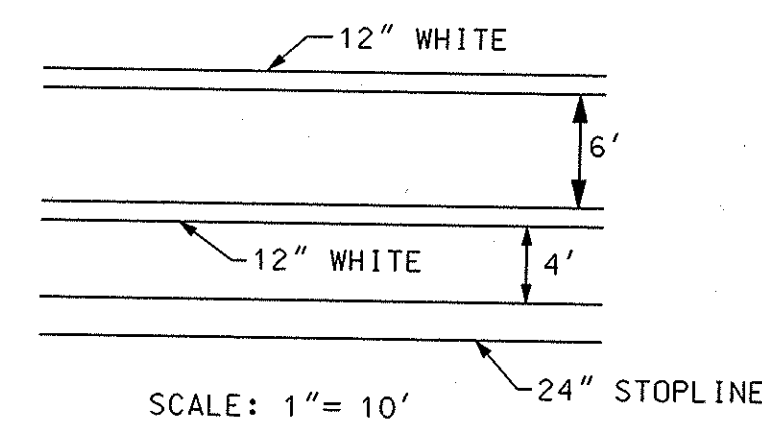
PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- Install 16' steel pole with a special 15' "T" dimension single 70' mast arm, traffic signal heads, signs, pushbutton, pedestrian education sign and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)
- Install 10' pedestal pole with pedestrian signal head, pushbutton and pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.) (Note: The contractor shall relocate existing Metro Bus Sign as shown.)
- Install NEMA size "5" base-mounted cabinet on extender base and controller with all necessary equipment as shown.
- Install metered pedestal for electrical utility service equipment as shown.
- Install handhole.
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 2" polyvinyl chloride electrical conduits (Schedule 80) (trenched).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored) with 35' of 1 conductor, 3 wire for power service to base of utility pole for proposed underground electrical service by Pepco.
- Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk)
- Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline)
- Remove existing strain pole, associated wiring, and other equipment as shown.
- Proposed interconnect see interconnect plans for more details.
- The contractor shall install (2) 3" galvanized risers on existing wood pole. (Note: One for interconnect and one for power service).
- Install Handicap Ramp with Detectable warning surfaces.
- Contractor shall remove existing pedestal pole.

CROSSWALK AND STOPLINE DIMENSION TYPICAL

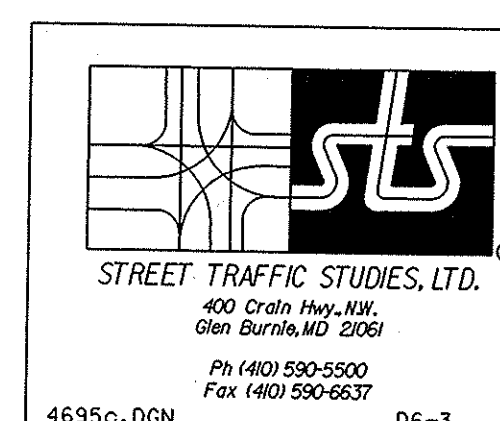


NOTES:
1. ALL CROSSWALKS SHALL BE CENTERED ON HANDICAPPED RAMPS UNLESS OTHERWISE NOTED.

GENERAL NOTES:

- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- All stoplines and crosswalks shall be removed by the contractor and are to be installed as detailed in accordance with SHA standards.
- All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- The contractor shall remove all unused wiring.
- The contractor shall contact PEPCO for removal of all existing overhead or underground electrical services after proposed signal is operational.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
FIBER OPTIC	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---



REVISIONS	APPROVALS
2-15-05 TRAFFIC SIGNAL RECONSTRUCTION AND SYSTEMIZATION SHA NO. : AT5665185	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
RRZ 3-1-78 REMOVE POLE AND MAST ARM. ADD SPAN WIRE SHA NO. : 1	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
HK	CHECK, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

		MARYLAND DOT - STATE HIGHWAY ADMINISTRATION	
		Office of Traffic & Safety	
		TRAFFIC ENGINEERING DESIGN DIVISION	
		US-1 AND OGLETHORPE STREET	
DRAWN BY: WR KILIAN	F.A.P. NO. U 902-1(23)	TS NO. 1126 B	SHEET NO. 1 OF 2
CHECKED BY: DATE: 2-2-78	S.H.A. NO. P-323-005-315	T.I.M.S. NO. 6633	
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S	LOG MILE: 16000102.26	